

1. BOSC 2017 Nominations

Self Nomination:

Yes

Nominator Information

First Name

Last Name

Nominator Title

Street Address

City

State

Postal Code

Email Address

Phone Number

Mobile Phone

Nominee Information

First Name

fred

Last Name

hitzhusen

Nominee Title

Professor Emeritus, Resource Economics, OSU

Street Address

Exemption 6

Employment Information

Place of Employment/Work:

The Ohio State University, retired

Work Street Address

5433 Havenhill Dr

Work City

Columbus

Work State:

Ohio

Work Postal Code

43235

Work Phone Number

614-365-0420

Work Email Address

Hitzhusen.1@osu.edu

Sector

Academia

Qualifications**Primary Area(s) of Expertise**

Natural resource and environmental economics
Benefit-cost analysis
Collective choice decision making
Analysis of more sustainable water and energy systems
Hedonic pricing, travel cost and contingent valuation methods

Committee Preference(s)

Air, Climate, and Energy Subcommittee
Safe and Sustainable Water Resources Subcommittee

Statement of Interest

The last 20 years of my research, teaching and outreach at OSU have been devoted to broadening the accounting stance in space and time for more holistic economic analysis of water and energy systems. I have led several large interdisciplinary research and outreach efforts in the foregoing areas.

Skills/qualifications related to committee preference(s) specified

As an applied resource economist with strong interdisciplinary and public policy interests and experience related to both water and energy, I think I am a good fit for a USEPA advisory role .

Other Relevant Information

I served a six year term on the Ohio Governor's Commission on Recreation and Resources where I was appointed by and served both Republican and Democratic governors along with a diverse group of academic, industry and natural resource advocates.

CV/Resume URL

CV and sample research summaries, etc. sent earlier

2. CV/Resume

Please upload your CV/ Resume.

3.

BOSC Nomination

Jun 15, 2017 12:35:00 Success: Email Sent to: tracy.tom@epa.gov

4. Thank You for your Submission!

RESUME FOR FRED HITZHUSEN

Agricultural, Environmental, and Development Economics, Emeritus Professor
The Ohio State University
2120 Fyffe Road, Columbus, OH 43210-1067
Phone: 614-365-0420 E-mail: hitzhusen.1@osu.edu

Education

Ph.D. Cornell University, 1972; M.S. Purdue University, 1968; B.S. Iowa State University, 1962

Employment, Visiting Professor, Consulting

- The Ohio State University, Dept. of Agricultural, Environmental, and Development Economics, Professor 1983-2008, Assoc. Professor 1977-83, Assist. Professor, 1971-77, Acting Assist. Dean and Director, International Programs in Agriculture Office, 1984-87.
- NSF Panel to review project evaluation of U.S. Army COE, 2001-02
- Member of Ohio EPA Anti-degradation (water) Task Force, 1998-99
- EMBRAPA Center for monitoring of Environmental Impacts, Campinas Brazil; consultant, World Bank evaluation, Jan-Feb, 1995.
- Consultant, Institute of Natural Resources, Univ. of Natal, S. Africa, 1993
- Administrative Staff College, Hyderabad, India, Visiting Professor, January 1992 energy economics
- World Bank Task Force evaluating economics of improved cook stove programs, 1990-91
- Smithsonian team on sustainable natural resource mgt. in S. India, 1989
- Economics Institute, Boulder CO, visiting Professor/Lecturer, Summers 1987 and 1988, benefit cost analysis and research methods.
- University of Sao Paulo, Piracicaba, Brazil, Visiting Professor, August 1987, benefit cost analysis of eco zones
- U.S. Info. Agency lecturer on Bioenergy and BC Analysis in S. Korea and the Philippines, 1984
- Visiting fellow/Prof EWC, Energy Systems, BCA 1983
- World Bank/USAID consultant on Economic Analysis of Ag Projects, e.g., irrigation, High Aswan Dam, Egypt, 1979

Honors and Awards

Alpha Zeta, Phi Kappa Phi and Phi Beta Delta
College Teaching Excellence Award, 1995, and 2007, OSU
Gold Quill Award, Outstanding Journal Article, 1997, with Lynn Forester, Journal of F.M.R.A.
OARDC Distinguished Multidisciplinary Team Research Award, 1998.
Blue Ribbon Award for Sustainable Agriculture, OSU AMP team, Ohio Citizen Action, 2003.
Gamma Sigma Delta Intl Award of Merit, 2003-2004.
Served on Ohio Governor's Commission on Recreation and Resources, 2006-11.

Service, The Ohio State University

Have chaired the S. African Working Group and served on University Graduate Council, International Advisory Committee, Research Foundation Board of Directors, Environmental Science Graduate Committee, Mershon Center Oversight Committee, John Glenn School of Public Affairs Advisory Committee and OSU Energy and Environment Working Group. College committees include P and T, OARDC Strategic Planning, Alcohol fuels, agroecology management program executive committee, etc., and at the Department level I have been on numerous committees (including P&T, Awards and strategic planning), task forces, Dept Council, coordinating advisor of environmental economics minor, etc.

Courses taught (selected)

AEDE 807, Economic Analysis for Collective Choice

AEDE 631, Benefit-Cost Analysis

AEDE/IS 597.01H, Global Population, Food and Environment Problems and Policies

AEDE 899.02, PhD. Resource Economics Seminar

NR 997, Ecological Economics (co-taught)

EI 700, Research Methodology (Economics Institute)

Ecologic, Economic and Moral Perspectives on Our Energy Future (Co-taught at Chautauqua Institute)

An Economic-Ecologic Approach to Lake Restoration (Co-taught at Chautauqua Institute)

Economic Principles and Business Management at Vincennes University (Instructor at Purdue University)

Funded Research (PI)

<u>Title</u>	<u>Sponsor</u>	<u>Year</u>	<u>Budget</u>
International Resource Economics Grant	US AID	1981-83	\$256,000
Ghana Forestry Project Economics	NSF	1983-84	\$15,000
Intl. Ag. And Natural Resource Grant	USAID	1984-87	\$327,000
Economics of Recycling FGD Wastes	USDOE	1990-95	\$500,000
Economics of Sustainable Agriculture	USDA	1992-95	\$82,145
Economics of Water Quality	USDA, OEPA	1995-99	\$85,000
Economic Analysis of River Corridors	Rivers Unlimited	1998-06	\$239,000
Landscape Indicators	OARDC	2001-02	\$73,500
Econ, Ecol, Eng Analysis of Dams	Great Lakes Fund	2002-05	\$832,000
Inventory of Ohio Biomass & OH MARKAL	ODOD/OARDC	2004-08	\$ 84,000
Conflict, Environment, Food Security	Mershon	2004-05	\$ 45,395
Biomass Energy Economics	DOE/USDA	2006-11	\$290,000

Publications (selected from over 250 publications)

- Hitzhusen, F.J. and M. Luttner. 1977. "Benefit-cost analysis of a nonmetropolitan prototype for solid waste resource recovery." *Amer Jour of Agric Econ.* 59(4):691-98.
- Hitzhusen, F.J. and R.D. Macgregor (eds.) 1987. A multidisciplinary approach to renewable energy in developing countries. Publishing Horizons Inc., Columbus, Ohio
- Hitzhusen, F., R. Macgregor, and D. Southgate. 1984. "Private and social cost-benefit perspectives and a case application on reservoir sedimentation." *Water Intl.* 9(4):181-84.
- Oo, T., F. Hitzhusen and L. Hushak. "Factors related to errors in ex ante evaluation of agricultural projects in developing countries." *The Journal of Developing Areas.* 22(2):199-206, January 1988.
- Zhao, F., F. Hitzhusen, and W. Chern. "Impact and Implications of Price Policy and Land Degradation on Agricultural Growth in Developing Countries," *Agricultural Economics*, Elsevier Science Publisher B.V. Amsterdam, 5(1991):311-324.
- Bejranonda, S., F. Hitzhusen, and D. Hite "Agricultural Sedimentation Impacts on Lakeside Property Values." *Agri. and Resource Economics Review.* Vol. 28, No. 2, Nov. 1999.
- Gutrich, John and Fred Hitzhusen. "Assessing the Substitutability of Mitigation Wetlands for Natural Sites: Estimating Restoration Lag Costs of Wetland Mitigation". *Journal of Ecological Economics*, Vol. 48 (2004) 409-424.
- Hitzhusen, F.J., Editor. Economic Valuation of River Systems, Edward Elgar Publishing, 2007.

Graduate Advisees, Completed:

Green, K., Kiger, S., Mishra, S., Vedachalam, S., Farren, M., Harrison, J., Feretti-Meza, J., Jeanty, P. W., Prado, C., Abdul-Mohsen, A., Kruse, S., Tenwalde, T., Shaky, B., Yen, N., Dabrowska, K., Warren, D., French, D., Irvin, S., Gutrich, J., Ayalasomayajula, R., Hite, D., Bejranonda, S., Shaky, B., Friedman, L., Silva, K., Lehman, T., Rausch, J., Diallo, S., MacGregor, R., Veloz, A., Gowen, M., Nyamaah, K., McCullough, M., Luttner, M., Karkouti, S., Cathcart, T., Clark, C., Bacon, T., Hemphill, R., Abdallah, M., Gray, T., Shenk, R., Rivet, R.